

Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A hearing device with a behind-the-ear microphone arrangement ~~(1)~~ not to be placed in the ear canal ~~(5)~~ of an individual's ear, said microphone arrangement ~~(1)~~ having at least one microphone ~~(3)~~ with an output ~~(A3)~~, further comprising an electrical/mechanical output converter ~~(15)~~, characterized by a further microphone ~~(7)~~, a beam former unit ~~(9)~~ having at least two inputs and an output, one input being operationally connected to the output of said at least one microphone ~~(3)~~, the second input being operationally connected to the output of said further microphone ~~(7)~~, the output of said beam former unit ~~(9)~~ being operationally connected to an input of said output converter ~~(15)~~, said beam former unit together with said at least one and said further microphones having a transfer characteristic of acoustical signals impinging on said at least one and said further microphones ~~(3, 7)~~ to an electric signal at said output ~~(A11)~~ of said beam former unit ~~(9)~~, the amplification thereof being dependent on direction with which said acoustical signals impinge on said microphones ~~(3, 7)~~ and on frequency of said acoustical signals, said direction being 0° in a direction of that the individual[['s]] is facing and 90° substantially in a direction from the individual's ear canal outward[[s]] direction of from said ear, said transfer characteristic having the following features: a substantially constant amplification

independent of said direction of impinging at said frequency of 1kHz, for said direction being 45°, a larger amplification than for said direction being 135° at said frequency of 5kHz.

2. (original) The hearing device of claim 1, wherein said amplification at said 45° direction is larger by approx. +6dB than said amplification at said 135° direction, said frequency being 5kHz.

3. (currently amended) The device of claim 1 or 2 having at least two controllably enableable operating modes ~~medi~~ with respect to transfer characteristic of acoustical signals impinging on said one and said further microphones ~~(3, 7)~~ to said electric signal at said output ~~(A11)~~, one of said transfer characteristics being said transfer characteristic.

4. (currently amended) The device of claim 3 further comprising a controlled weighting unit controllably establishing the ratio of effect of said at least two operating modes ~~medi~~ upon said transfer characteristic.

5. (original) The device of claim 4, wherein said controlled weighting unit steadily changes said ratio.

6. (currently amended) The device of one of claims 1 to 2 5, said further microphone ~~(7)~~ being part of said microphone arrangement ~~(1)~~.

7. (currently amended) The device of one of claims 1 to 2 6, said further microphone ~~(7)~~ being part of a second

hearing device to be applied at a second ear of said individual.

8. (currently amended) The device of one of claims 1 to 2 7 being a behind-the-ear hearing device.

9. (currently amended) The device of one of claims 1 to 2 8 being a behind-the-ear hearing aid device.

10. (currently amended) The device of one of claims 1 to 2 8 being a hearing protection device.